

DECLARATION OF JOINT INVENTORS FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Radio Frequency Data Communications Device**, Serial No. 08/705,043, filed August 29, 1996, and naming as inventors: James E. O'Toole, John R. Tuttle, Mark E. Tuttle, Tyler E. Lowrey, Kevin M. Devereaux, George E. Pax, Brian P. Higgins, Shu-Sun Yu, David K. Ovard, and Robert R. Rotzoll.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

**PRIOR PROVISIONAL APPLICATIONS:**

I hereby claim the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application Serial No. 60/017,900, filed May 13, 1996.

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorneys and agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: David P. Roberts,

1 Reg. No. 23,032; Randy A. Gregory, Reg. No. 30,386; Mark S. Matkin,  
2 Reg. No. 32,268; James L. Price, Reg. No. 27,376; Deepak Malhotra,  
3 Reg. No. 33,560; Mark W. Hendricksen, Reg. No. 32,356, David G.  
4 Latwesen, Reg. No. 38,533; George G. Grigel, Reg. No. 31,166; Keith D.  
5 Grzelak, Reg. No. 37,144; James D. Shaurette, Reg. No. 39,833;  
6 Frederick M. Fliegel, Reg. No. 36,138; Donald Brent Kenady, Reg. No.  
7 40,045; James E. Lake, Reg. No. 44,854; Bernard Berman, Reg. No.  
8 37,279; and also attorneys Michael L. Lynch (Reg. No. 30,871) and Lia  
9 Pappas Dennison (Reg. No. 34,095) of Micron Technology, Inc., as its  
10 attorneys with full power of substitution.

11 Send correspondence to: WELLS, ST. JOHN, ROBERTS,  
12 GREGORY & MATKIN P.S., 601 West First Avenue, Suite 1300,  
13 Spokane, WA 99201-3828. Direct telephone calls to: Deepak Malhotra,  
14 (509) 624-4276.

15 I hereby declare that all statements made herein of my own  
16 knowledge are true and that all statements made on information and  
17 belief are believed to be true; and further that these statements were  
18 made with the knowledge that willful false statements and the like so  
19 made are punishable by fine or imprisonment, or both, under  
20 Section 1001 of Title 18 of the United States Code and that such willful  
21 false statement may jeopardize the validity of the application or any  
22 patent issued therefrom.

\* \* \* \* \*

Full name of inventor: **JAMES E. O'TOOLE**

Inventor's Signature: 

Date: 6/17/00

Residence: **Boise, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **889 E. Braemere, Boise ID 83702**

\* \* \* \* \*

Full name of inventor: **JOHN R. TUTTLE**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Boulder, Colorado**

Citizenship: **U.S.A.**

Post Office Address: **4084 Eleuthera Court, Boulder, CO 80301**

\* \* \* \* \*

Full name of inventor: **MARK E. TUTTLE**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Boise, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **1998 Table Rock Road, Boise, ID 83712**

\* \* \* \* \*

TOOLE, JAMES E.

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Full name of inventor: **TYLER E. LOWREY**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **San Jose, California**

Citizenship: **U.S.A.**

Post Office Address: **516 Mill River Lane, San Jose, CA 95134**

\* \* \* \* \*

Full name of inventor: **KEVIN M. DEVEREAUX**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Grangeville, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **Rural Route 2, Box 271, Grangeville, ID 83530  
(Cove Road)**

\* \* \* \* \*

Full name of inventor: **GEORGE E. PAX**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Boise, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **1201 E. Oakridge Drive, Boise, ID 83705**

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)
Algeria	1980	10.0	4.0	40.0
Algeria	1985	10.5	4.5	42.9
Algeria	1990	11.0	5.0	45.5
Algeria	1995	11.5	5.5	47.8
Algeria	2000	12.0	6.0	50.0
Algeria	2005	12.5	6.5	52.0
Algeria	2010	13.0	7.0	53.8
Algeria	2015	13.5	7.5	55.6
Algeria	2020	14.0	8.0	57.1
Algeria	2025	14.5	8.5	58.6
Algeria	2030	15.0	9.0	60.0
Algeria	2035	15.5	9.5	61.3
Algeria	2040	16.0	10.0	62.5
Algeria	2045	16.5	10.5	63.6
Algeria	2050	17.0	11.0	64.7
Algeria	2055	17.5	11.5	65.7
Algeria	2060	18.0	12.0	66.7
Algeria	2065	18.5	12.5	67.6
Algeria	2070	19.0	13.0	68.4
Algeria	2075	19.5	13.5	69.2
Algeria	2080	20.0	14.0	70.0
Algeria	2085	20.5	14.5	70.7
Algeria	2090	21.0	15.0	71.4
Algeria	2095	21.5	15.5	72.1
Algeria	2100	22.0	16.0	72.7
Algeria	2105	22.5	16.5	73.3
Algeria	2110	23.0	17.0	73.9
Algeria	2115	23.5	17.5	74.5
Algeria	2120	24.0	18.0	75.0
Algeria	2125	24.5	18.5	75.5
Algeria	2130	25.0	19.0	76.0
Algeria	2135	25.5	19.5	76.5
Algeria	2140	26.0	20.0	76.9
Algeria	2145	26.5	20.5	77.3
Algeria	2150	27.0	21.0	77.8
Algeria	2155	27.5	21.5	78.2
Algeria	2160	28.0	22.0	78.6
Algeria	2165	28.5	22.5	78.9
Algeria	2170	29.0	23.0	79.3
Algeria	2175	29.5	23.5	79.7
Algeria	2180	30.0	24.0	80.0
Algeria	2185	30.5	24.5	80.3
Algeria	2190	31.0	25.0	80.6
Algeria	2195	31.5	25.5	81.0
Algeria	2200	32.0	26.0	81.3
Algeria	2205	32.5	26.5	81.5
Algeria	2210	33.0	27.0	81.8
Algeria	2215	33.5	27.5	82.1
Algeria	2220	34.0	28.0	82.4
Algeria	2225	34.5	28.5	82.6
Algeria	2230	35.0	29.0	82.9
Algeria	2235	35.5	29.5	83.1
Algeria	2240	36.0	30.0	83.3
Algeria	2245	36.5	30.5	83.6
Algeria	2250	37.0	31.0	83.8
Algeria	2255	37.5	31.5	84.0
Algeria	2260	38.0	32.0	84.2
Algeria	2265	38.5	32.5	84.4
Algeria	2270	39.0	33.0	84.6
Algeria	2275	39.5	33.5	84.8
Algeria	2280	40.0	34.0	85.0
Algeria	2285	40.5	34.5	85.2
Algeria	2290	41.0	35.0	85.4
Algeria	2295	41.5	35.5	85.6
Algeria	2300	42.0	36.0	85.7
Algeria	2305	42.5	36.5	85.9
Algeria	2310	43.0	37.0	86.0
Algeria	2315	43.5	37.5	86.2
Algeria	2320	44.0	38.0	86.4
Algeria	2325	44.5	38.5	86.5
Algeria	2330	45.0	39.0	86.7
Algeria	2335	45.5	39.5	86.8
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1                   **DECLARATION OF JOINT INVENTORS FOR PATENT APPLICATION**

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6 matter which is claimed and for which a patent is sought on the  
7 invention entitled: **Radio Frequency Data Communications Device**, Serial  
8 No. 08/705,043, filed August 29, 1996, and naming as inventors: James  
9 E. O'Toole, John R. Tuttle, Mark E. Tuttle, Tyler E. Lowrey, Kevin M.  
10 Devereaux, George E. Pax, Brian P. Higgins, Shu-Sun Yu, David K.  
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5 Grzelak, Reg. No. 37,144; James D. Shaurette, Reg. No. 39,833;  
6 Frederick M. Fliegel, Reg. No. 36,138; Donald Brent Kenady, Reg. No.  
7 40,045; James E. Lake, Reg. No. 44,854; Bernard Berman, Reg. No.  
8 37,279; and also attorneys Michael L. Lynch (Reg. No. 30,871) and Lia  
9 Pappas Dennison (Reg. No. 34,095) of Micron Technology, Inc., as its  
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11 Send correspondence to: WELLS, ST. JOHN, ROBERTS,  
12 GREGORY & MATKIN P.S., 601 West First Avenue, Suite 1300,  
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14 (509) 624-4276.

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20 Section 1001 of Title 18 of the United States Code and that such willful  
21 false statement may jeopardize the validity of the application or any  
22 patent issued therefrom.



TOOCEC E302269

\* \* \* \* \*

Full name of inventor: JAMES E. O'TOOLE

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: Boise, Idaho

Citizenship: U.S.A.

Post Office Address: 889 E. Braemere, Boise ID 83702

\* \* \* \* \*

Full name of inventor: JOHN R. TUTTLE

Inventor's Signature: 

Date: July 11, 2000

Residence: Boulder, Colorado

Citizenship: U.S.A.

Post Office Address: 4084 Eleuthera Court, Boulder, CO 80301

\* \* \* \* \*

Full name of inventor: MARK E. TUTTLE

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: Boise, Idaho

Citizenship: U.S.A.

Post Office Address: 1998 Table Rock Road, Boise, ID 83712

\* \* \* \* \*



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Post Office Address: 6040 Navajo Trail, Chipita Park, CO 80809

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH STUDIES  
NIEHS  
1401 Research Triangle Park, NC 27709  
919/871-2393  
www.niehs.nih.gov

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22 agents to prosecute this application and transact all business in the  
Patent and Trademark Office connected therewith: David P. Roberts,





FORM 630-2-2000

1 Full name of inventor: **TYLER E. LOWREY**

2 Inventor's Signature: \_\_\_\_\_

3 Date: \_\_\_\_\_

4 Residence: **San Jose, California**

5 Citizenship: **U.S.A.**

6 Post Office Address: **516 Mill River Lane, San Jose, CA 95134**

7 \* \* \* \* \*

8 Full name of inventor: **KEVIN M. DEVEREAUX**

9 Inventor's Signature: \_\_\_\_\_

10 Date: \_\_\_\_\_

11 Residence: **Grangeville, Idaho**

12 Citizenship: **U.S.A.**

13 Post Office Address: **Rural Route 2, Box 271, Grangeville, ID 83530**  
14 **(Cove Road)**

\* \* \* \* \*

15 Full name of inventor: **GEORGE E. PAX**

16 Inventor's Signature: *George E. Pax*

17 Date: *6/29/2000*

18 Residence: **Boise, Idaho**

19 Citizenship: **U.S.A.**

20 Post Office Address: **1201 E. Oakridge Drive, Boise, ID 83705**

21

22



\* \* \* \* \*

Full name of inventor: **BRIAN P. HIGGINS**

Inventor's Signature: 

Date: 6/29/2000

Residence: **Boise, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **4990 West Hillcrest Drive, Boise, ID 83705**

\* \* \* \* \*

Full name of inventor: **SHU-SUN YU**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

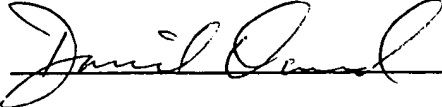
Residence: **Cupertino, California**

Citizenship: **R.O.C.**

Post Office Address: **18620 Cynthia Ave., Cupertino, CA 95014**

\* \* \* \* \*

Full name of inventor: **DAVID K. OVARD**

Inventor's Signature: 

Date: 6/29/00

Residence: **Meridian, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **1019 E. Dominica, Meridian, ID 83642**

\* \* \* \* \*

Full name of inventor: **ROBERT R. ROTZOLL**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Chipita Park, Colorado**

Citizenship: **U.S.A.**

Post Office Address: **6040 Navajo Trail, Chipita Park, CO 80809**

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4 Latwesen, Reg. No. 38,533; George G. Grigel, Reg. No. 31,166; Keith D.  
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8 37,279; and also attorneys Michael L. Lynch (Reg. No. 30,871) and Lia  
9 Pappas Dennison (Reg. No. 34,095) of Micron Technology, Inc., as its  
10 attorneys with full power of substitution.

11 Send correspondence to: WELLS, ST. JOHN, ROBERTS,  
12 GREGORY & MATKIN P.S., 601 West First Avenue, Suite 1300,  
13 Spokane, WA 99201-3828. Direct telephone calls to: Deepak Malhotra,  
14 (509) 624-4276.

15 I hereby declare that all statements made herein of my own  
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19 made are punishable by fine or imprisonment, or both, under  
20 Section 1001 of Title 18 of the United States Code and that such willful  
21 false statement may jeopardize the validity of the application or any  
22 patent issued therefrom.

\* \* \* \* \*

Full name of inventor: **JAMES E. O'TOOLE**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Boise, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **889 E. Braemere, Boise ID 83702**

\* \* \* \* \*

Full name of inventor: **JOHN R. TUTTLE**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Boulder, Colorado**

Citizenship: **U.S.A.**

Post Office Address: **4084 Eleuthera Court, Boulder, CO 80301**

\* \* \* \* \*

Full name of inventor: **MARK E. TUTTLE**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Boise, Idaho**

Citizenship: **U.S.A.**

Post Office Address: **1998 Table Rock Road, Boise, ID 83712**

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Full name of inventor: <sup>A.</sup> TYLER ~~BE~~ LOWREY

Inventor's Signature: *Tyler Lowrey*

Date: 6/28/00

Residence: San Jose, California

Citizenship: U.S.A.

Post Office Address: 516 Mill River Lane, San Jose, CA 95134

\* \* \* \* \*

Full name of inventor: KEVIN M. DEVEREAUX

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: Grangeville, Idaho

Citizenship: U.S.A.

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\* \* \* \* \*

Full name of inventor: GEORGE E. PAX

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Citizenship: U.S.A.

Post Office Address: 1201 E. Oakridge Drive, Boise, ID 83705

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Date: \_\_\_\_\_

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Citizenship: **U.S.A.**

Post Office Address: **1019 E. Dominica, Meridian, ID 83642**

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Full name of inventor: **ROBERT R. ROTZOLL**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: **Chipita Park, Colorado**

Citizenship: **U.S.A.**

Post Office Address: **6040 Navajo Trail, Chipita Park, CO 80809**

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FOUO "SECRET"

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\* \* \* \* \*

Full name of inventor: **MARK E. TUTTLE**

Inventor's Signature: \_\_\_\_\_

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Post Office Address: **1998 Table Rock Road, Boise, ID 83712**

\* \* \* \* \*

1 Full name of inventor: TYLER E. LOWREY  
2 Inventor's Signature: \_\_\_\_\_  
3 Date: \_\_\_\_\_  
4 Residence: San Jose, California  
5 Citizenship: U.S.A.  
6 Post Office Address: 516 Mill River Lane, San Jose, CA 95134

7 \* \* \* \* \*

8 Full name of inventor: KEVIN M. DEVEREAUX  
9 Inventor's Signature: Kevin M. Devereaux  
10 Date: 6/7/00  
11 Residence: Grangeville, Idaho  
12 Citizenship: U.S.A.  
13 Post Office Address: Rural Route 2, Box 271, Grangeville, ID 83530  
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14 \* \* \* \* \*

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16 Inventor's Signature: \_\_\_\_\_  
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19 Citizenship: U.S.A.  
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21  
22

[illegible]

Post Office Address: 1019 E. Dominica, Meridian, ID 83642

\* \* \* \* \*

Full name of inventor: **ROBERT R. ROTZOLL**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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Post Office Address: 6040 Navajo Trail, Chipita Park, CO 80809

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

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\* \* \* \* \*

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Full name of inventor: SHU-SUN YU

Inventor's Signature: ShSun Yu

Date: 7/5/00

Residence: Cupertino, California

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Post Office Address: 18620 Cynthia Ave., Cupertino, CA 95014

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Full name of inventor: DAVID K. OVARD

Inventor's Signature: \_\_\_\_\_

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Post Office Address: 6040 Navajo Trail, Chipita Park, CO 80809

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No. .... 09/161,512  
Priority Filing Date ..... September 28, 1998  
Inventor ..... James E. O'Toole et al.  
Assignee ..... Micron Technology, Inc.  
Priority Group Art Unit ..... 2635  
Priority Examiner ..... E. Holloway III  
Attorney's Docket No. .... MI40-325  
Title: Radio Frequency Data Communications Device

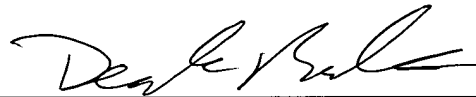
Assistant Commissioner for Patents  
Washington, D.C. 20231

**ASSOCIATE POWER OF ATTORNEY**

Please recognize Frederick M. Fliegel, Reg. No. 36,138; D. Brent Kenady, Reg. No. 40,045; James E. Lake, Reg. No. 44,854; and Bernard Berman, Reg. No. 37,279; whose post office address is 601 W. First Avenue, Suite 1300, Spokane, Washington 99201-3828, as associate attorneys or agents in the above-entitled application.

Date:

March 30, 2001



Deepak Malhotra  
Reg. No. 33,560  
Wells, St. John, Roberts, Gregory & Matkin P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828  
(509) 624-4276

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